Case No.: 00-713-I

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that: 4

My residence, post office address and citizenship are as stated below next to my name.



I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO AND USES THEREFOR

the specification of which is attached hereto unless the following space is checked:

was filed on June 26, 2000 as United States Application Serial Number 09/603,830.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s):

4

Number Country Day:Month/Year Filed

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number Filing Date 60 031,809 07/29/1996

2. 60 200,161 04/26/2000

A hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

Application Number Filing Date Status: patented, pending, abandoned
1. 09.344,667 06/25/1999 Pending
2. 09.240,755 01/29/1999 Pending

3. PCT/US97/12783 07/21/1997 Entered national phase

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

	Full name of first inventor: Chad A. Mirkin	
	Inventor's signature: Residence: Wilmette, Illinois Citizenship: United States of America Post Office Address: 111 16th Street, Wilmette, Illinois 60091	Date: Soy + 25, 2000
	X .	
	Full name of second joint inventor: Robert L. Letsinger	•
	Inventor's signature: Residence: Wilmette, Illinois Citizenship: United States of America Post Office Address: 316 Third Street, Wilmette, Illinois 60091	Date: 5- 1- 29, 250
	Full name of third joint inventor: Robert C. Mucic	
	Inventor's signature: Residence: Glendale, California Citizenship: United States of America Post Office Address: 1600 Bel Aire Drive, Glendale, California 91201	Date: O+S, 2000
:: ! <u></u>	Tost Office Address. 1000 Bet Alle Diffe, Glendale, California 91201	
	Full name of fourth joint inventor: James J. Storhoff	
4	Residence: Evanston, Illinois	Date:(- (- /^? [
	Citizenship: United States of America Post Office Address: 2121 Ridge Avenue, Apt. 21, Evanston, Illinois 60	1201
	1 051 Office Address. 2121 Roge Avenue, Apr. 25, Evansion, Imnois of	72VI

Inventor's signature: Automotion Date: 10/09-00
Residence: Chicago. Illinois
Citizenship: United States of America
Post Office Address: 8503 W. Catherine Avenue, Apt. 602, Chicago, Illinois 60656

Full name of sixth joint inventor: Thomas A. Taton

Inventor's signature: Residence: Chicago. Illinois

Citizenship: United States of America

Post Office Address: 1368 West Greenleaf Avenue, Apt. 1S, Chicago, Illinois 60626

- 3 -

Principal attorney or agent: Emily Miao Telephone number: 312-913-0001

Inventor:

10/11/00 Date:

Date: / 0/(07 00)	Inventor: Robert K. Letsinger Language
Date: 10/09/00	Inventor: Robert Elghanian
Date: <u>Octobe</u> 5,2000	Inventor: Robert C. Mucic
Date: 9/28/00	Inventor: Thomas A. Taton

DONNELL BOEHNEN LBERT & BERGHOFF) SOUTH WACKER ORIVE 'CAGO, ILLINOIS 60606 EPHONE (312) 913-0001